

Practitioner's Docket No.

70207/48,913-C

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s):

MELTZER, Peter C. BLUNDELL, Paul

MADRAS, Bertha K.

WARNING:

37 C.F.R. § 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

For (title):

BOAT TROPANES

CERTIFICATION UNDER 37 C.F.R. 1.10*

(Express Mail label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on this date October 11, 2001, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL789 782 509 US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Donna M. Tomaso

(type-or print name of person mailing paper)

Signature of person mailing paper

WARNING:

Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to

obtain a date of mailing or transmission for this correspondence.

*WARNING:

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label

placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will

not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Application Transmittal—page 1 of 12)

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1. Type of Application

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e s**č**a

This new application is for a(n)

(check one applicable item below)

	[X] [] []	Original (nonprovisional) Design Plant
WARNIN		Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C., unless the International Application is being filed as a divisional, continuation or continuation-in-part on.
WARNIN	VG:	Do not use this transmittal for the filing of a provisional application.
NOTE:	TRANSM	the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION ITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT ATION OF THE FILING OF THIS CONTINUATION APPLICATION. Divisional. Continuation. Continuation-in-part (C-I-P).

2. Benefit of Prior U.S. Application(s) (35 U.S.C. 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
- (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(l) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW

(Application Transmittal—page 2 of 12)

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

WARNING: When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

[X] The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

3. Papers Enclosed

- A. Required for Filing Date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application
 - 95 Pages of Specification
 - 23 Pages of Claims
 - 14 Sheets of Drawing
- WARNING: DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. 1.84, see Notice of March 9, 1988. (1990 O.G. 57-62).
- NOTE: "Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top of the page. . . " 37 C.F.R. § 1.84(c)).

(complete the following, if applicable)

[]	The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. § 1.84(b).
[X]	Formal
[]	Informal

	В.	Other Papers Enclosed Pages of declaration and power of attorney Pages of Abstract Other						
4.	Additional Papers Enclosed							
	[]	Amendment to claims						
		 [] Cancel in this applications claims before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.) [] Add the claims shown on the attached amendment. (Claims added have been 						
		numbered consecutively following the highest numbered original claims.)						
	[X] [] []	eliminary Amendment formation Disclosure Statement (37 C.F.R. § 1.98) rm PTO-1449 (PTO/SB/08A and 08B) tations						
	[]	Declaration of Biological Deposit Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.						
	[]	Authorization of Attorney(s) to Accept and Follow Instructions from Representative Special Comments						
5.	Decla	ration or Oath (including power of attorney)						
NOTE:	NOTE: A newly executed declaration is not required in a continuation or divisional application provided nonprovisional application contained a declaration as required, the application being filed is by a the inventors named in the prior application, there is no new matter in the application being filed, executed declaration filed in the prior application (showing the signature or an indication thereof is submitted. The copy must be accompanied by a statement requesting deletion of the names of perinventors of the application being filed. If the declaration in the prior application was filed under that declaration must be filed accompanied by a copy of the decision granting § 1.47 status or, if a under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed be filed. See 37 C.F.R. § 1.63(d)(1)-(3).							
NOTE:	A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and the residence, post office address and country of citizenship of each inventor, and state whether the inventor is a sole or joint inventor. $37 \text{ C.F.R. } \S 1.63(a)(1)-(4)$.							
	[]	Enclosed						
		Executed by						
		(check all applicable boxes)						

		[]	joint in	epresentative of inventor(s). 37 C.F.R. § 1.42 or 1.43. Eventor or person showing a proprietary interest on behalf of inventor who is to sign or cannot be reached. This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F.R. § 1.47 is also attached. See item 13 below for fee.			
	[]	Not En	closed.				
NOTE:	applicati continua	Where the filing is a completion in the U.S. of an International Application, or where the completion of the U.S. application contains subject matter in addition to the International Application, the application may be treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.					
		[]		ation is made by a person authorized under 37 C.F.R. 1.41(c) on behalf of above named inventor(s).			
	(The	declara	ation or c	oath, along with the surcharge required by 37 C.F.R. § 1.16(e), can be filed subsequently).			
			[]	Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d))			
6.	Invent	orship S	Stateme	nt			
WARNII				tors are each not the inventors of all the claims an explanation, including the ownership ime the last claimed invention was made, should be submitted.			
The inv	entorsh	ip for all	l the clai	ms in this application are:			
	[X]	The sar	me.	or			
	[]		claimed is subm	An explanation, including the ownership of the various claims at the time linvention was made, nitted. submitted.			

7.

Language

from w	hich prie	ority is ority is ority is (are) will fol	attached.				
-	Cour	ntry	Appln. no.		Filed		
	Country		Appln. no.		Filed		
	Cou	ntry	Appln. no.		Filed		
	Certific	ed copy(ies) of application(s)				
9.	Certifi	ied Cop	y				
WARNI		A newly ion is filed	executed "STATEMENT UNDER 37 C.F.I d by an assignee. Notice of April 30, 1993,	R. § 3.73(b)" must be filed when a co 1150 O.G. 62-64.	ontinuation-in-part		
NOTE:	"If an as the assig	ssignment gnment" N	is submitted with a new application, send l lotice of May 4, 1990 (1114 O.G. 77-78).	two separate letters-one for the appli	ication and one for		
		PTO 1595 is also attached. [X] will follow.					
		[]	s attached. A separate [] "COVER SHEET FOR ASSIGNMENT (DOCU- MENT) ACCOMPANYING NEW PATENT APPLICATION" or [] FORM				
		was R	ecorded with the PTO on , Reel	, Frame			
	[]	An ass	signment of the invention to:				
8.	Assign	ment					
		[]	The attached translation includes C.F.R. § 1.52(d).	a statement that the translatio	n is accurate. 37		
	[X] []	Englis Non-E	h English				
NOTE:	An application including a signed oath or declaration may be filed in a language other than English. An English translation of the non-English language application and the processing fee of \$130.00 required by 37 C.F.R. \S 1.17(k) is required to be filed with the application, or within such time as may be set by the Office. 37 C.F.R. \S 1.52(d).						

NOTE: The foreign application forming the basis for the claim for priority must be referred to in the oath or declaration. 37 C.F.R. § 1.55(a) and 1.63.

NOTE: This item is for any foreign priority for which the application being filed directly relates. If any parent U.S. application or International Application from which this application claims benefit under 35 U.S.C. 120 is itself entitled to priority from a prior foreign application, then complete item 18 on the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

10. Fee Calculation (37 C.F.R. § 1.16)

A. [X] Regular application

(37 C.F.R. § 6 - 20 = x \$ 18.00 Independent Claims (37 C.F.R. § 1 - 3 = x \$ 84.00 Multiple Dependent Claim(s), if any 0 + \$280.00	Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 C.F.R. § 1.16(a) \$740.00
1.16(b)) Multiple Dependent Claim(s), if any 0 + \$280.00	Total Claims (37 C.F.R. § 1.16(c))	6	- 20 =	x	\$ 18.00	, ,
1.16(b)) Multiple Dependent Claim(s), if any 0 + \$280.00	Independent Cla	ims				
Claim(s), if any 0 + \$280.00	`	1	- 3 =	x	\$ 84.00	
Claim(s), if any 0 + \$280.00	Multiple Depend	lent				
1.16(d))	Claim(s), if any (37 C.F.R. §			+	\$280.00	
I I Amendment cancelling extra claims is analoged			_		d.	
 Amendment cancelling extra claims is enclosed. Amendment deleting multiple-dependencies is enclosed. 		Fee for extra claim				

NOTE: If the fees for extra claims are not paid on filing they must be paid or the claims cancelled by amendment, prior to the expiration of the time period set for response by the Patent and Trademark Office in any notice of fee deficiency. 37 C.F.R. § 1.16(d).

	Filing Fee Calculation	\$740.00
В.	[] Design application (\$310.00—37 C.F.R. § 1.16(f))	
	Filing Fee Calculation	\$
c.	[] Plant application (\$480.00—37 C.F.R. § 1.16(g))	
	Filing Fee Calculation	\$

11	S-vall 1	Entity Statement(s)
11.	Sman	Entity Statement(s)
	[]	Statement(s) that this is a filing by a small entity under 37 C.F.R. §§ 1.9 and 1.27 is (are) attached.
WARN	available including status ha (includin determin applicati may rely applicati statemen	"Status as a small entity must be specifically established in each application or patent in which the status is and desired. Status as a small entity in one application or patent does not affect any other application or patent, a applications or patents which are directly or indirectly dependent upon the application or patent in which the speen established. The refiling of an application under § 1.53 as a continuation, division, or continuation-in-parting a continued prosecution application under § 1.53(d)), or the filing of a reissue application requires a new ation as to continued entitlement to small entity status for the continuing or reissue application. A nonprovisional fon claiming benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) of a prior application, or a reissue application on a statement filed in the prior application or in the patent if the nonprovisional application or the reissue fon includes a reference to the statement in the prior application or in the patent or includes a copy of the tin the prior application or in the patent and status as a small entity is still proper and desired. The payment of a lentity basic statutory filing fee will be treated as such a reference for purposes of this section." 37 C.F.R. § 2).
		(complete the following, if applicable)
	[X]	Status as a small entity was claimed in prior application 09/568,106, filed on May 10, 2000 from which benefit is being claimed for this application under:
		35 U.S.C. § [] 119(e), [] 120, [] 121, [] 365(c),
		and which status as a small entity is still proper and desired.
		[] A copy of the statement in the prior application is included.

NOTE: Any excess of the full fee paid will be refunded if a small entity status is established refund request are filed within 2 months of the date of timely payment of a full fee. The two-month period is not extendable under § 1.136. 37 C.F.R. § 1.28(a).

12. Request for International-Type Search (37 C.F.R. § 1.104(d))

Filing Fee Calculation (50% of A, B or C above)

(complete, if applicable)

[] Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

370.00

13.	Fee Pa	yment B	eing Made at This Time				
	[]	Not En	closed				
		[]	No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. § 1.16(e) can be paid subsequently.)				
	[X]	Enclos	ed				
		[X]	Filing fee	\$	370.00		
		[]	Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION.")	\$			
		[]	Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached				
			(\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i))	\$			
		[]	For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))	\$			
		[]	Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l))	\$			
		[]	Fee for international-type search report (\$40.00; 37 C.F.R. § 1.21(e))	\$			
NOTE:	the appli indicate i	cation pur that in ord	establishes a fee for processing and retaining any application that is also suant to 37 C.F.R. § 1.53(f) and this, as well as the changes to 37 der to obtain the benefit of a prior U.S. application, either the basic intion fee of § 1.21(l) must be paid, within 1 year from notification under	C.F.R. § filing fee	1.53 and 1.78(a)(1),		
			Total Fees Enclosed	\$	370.00		
14.	Method	d of Pay	ment of Fees				
	[X]	Check	in the amount of \$370.00.				
	[]	_	Account No in the amount of \$icate of this transmittal is attached.	_•			
NOTE:	Fees show	uld be item	ized in such a manner that it is clear for which purpose the fees are paid	l. 37 C.F.I	R. § 1.22(b).		

(Application Transmittal—page 9 of 12)

15. Authorization to Charge Additional Fees

WARNING: If no fees are to be paid on filing, the following items should <u>not</u> be completed.

WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

- [X] The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 04-1105.
 - [X] $37 \text{ C.F.R.} \S 1.16(a)$, (f) or (g) (filing fees)
 - [X] 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)
- NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.
 - [X] 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
 - [X] $37 \text{ C.F.R.} \S 1.17(a)(1)(5)$ (extension fees pursuant to $\S 1.136(a)$.
 - [X] 37 C.F.R. § 1.17 (application processing fees)
- NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission. "37 C.F.R. § 1.136(a)(3).
 - [] 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))
- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance. 37 C.F.R. § 1.311(b)).
- NOTE: 37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application... prior to paying, or at the time of paying, .. issue fee." From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

16. Instructions as to Overpayment

NOTE: "... Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

[X] Credit Account No. 04-1105.

[] Refund

Reg. No. 38,227

Tel. No.: 617-439-4444

Customer No.: 21874

179990

The Test

P. R. R. R.

SIGNATURE OF PRACTITIONER

Cara Z. Lowen

(type or print name of practitioner)
Dike, Bronstein, Roberts & Cushman
Intellectual Property Practice Group
EDWARDS & ANGELL, LLP
P.O. Box 9169
Boston, MA 02209

[

[X] Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)

	[X]	Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed						
		Number of pages added						
	[]	Plus Added Pages for Papers Referred to in Item 4 Above Number of pages added						
	Plus added pages deleting names of inventor(s) named on prior application(s) where longer inventor(s) of the subject matter claimed in this application. Number of pages added							
	[]	Plus "Assignment Cover Letter Accompanying New Application" Number of pages added						
]	State	Statement Where No Further Pages Added						
		(if no further pages form a part of this Transmittal, then end this Transmittal with this page and check the following item)						
	[]	This transmittal ends with this page.						

the Carlo for th

ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 CFR 1.78.

17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(complete the following, if applicable)

[X] Amend the specification by inserting, before the first line, the following sentence:

A. 35 U.S.C. 119(e)

NOTE: "Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).

[X] "This application claims the benefit of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:	FILING DATE
60/133,761	May 12, 1999
	•

B. 35 U.S.C. 120, 121 and 365(c)

NOTE: "Except for a continued prosecution application filed under § 1.53(d), any nonprovisional application claiming the benefit of one or more prior filed copending nonprovisional applications or international applications designating the United States of America must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior application, identifying it by application number (consisting of the series code and serial number) or international application number and international filing date and indicating the relationship of the applications. . . . Cross-references to other related applications may be made when appropriate." (See § 1.14(a)). 37 C.F.R. § 1.78(a)(2).

[X] "This application is a

	[X] continuation					
	[] continuation-in-part					
	[] divisional					
of c	opending application(s)					
[X]	application number	09/568,106		•		
[]	International Application_ U.S."		filed on	and which	designated the	
NOTE:	The proper reference to a prior the filing date of the PCT applica			the U.S. national pho	ase is the U.S. serial nu	mber and
NOTE:	(1) Where the application being a continuation-in-part or (2) if it	transmitted adds s is desired to do so	ubject matter to t for other reasons	he International App s then the filing can b	lication, then the filing e as a continuation.	can be as
NOTE:	The deadline for entering the no April 28, 1987 (1079 O.G. 32 to	ational phase in th 46) as follows:	ne U.S. for an in	ternational applicati	on was clarified in the	Notice of
	"The Patent and Trademark Off priority date if the United States filed prior to the expiration of the Demand for International Prelin expiration of the 19th month ficommunicated to the Patent are international application has no period respectively, the international priority date respectively. These 1.495. A continuing application international application."	has been designate ne 19th month from ninary Examination rom the priority d nd Trademark Offic to been communic ional application b periods have been	ed and no Deman In the priority dat In which elected th Iate, provided th Ice within the 20 In ated to the Pate In placed in the rul	d for International Poster and until the 32nd and until the 32nd at a copy of the interpretal of the interpretal and Trademark Office as to the United as as paragraph (h) of the control of the United as the United and Trademark Office as paragraph (h) of the United and Trademark Office as paragraph (h) of the United and Trademark Office as paragraph (h) of the United and Trademark Office as paragraph (h) of the United Andrews Trademark Office as paragraph (h) of the United Andrews Trademark Office as paragraph (h) of the United Andrews Trademark Office and Trademark Off	reliminary Examination month from the priority merica has been filed presentional application of respectively. If a confice within the 20 or States 20 or 30 months of § 1.494 and paragra	nhas been y date if a rior to the has been ppy of the 30 month s from the ph (i) of §
[]	"The nonprovisional applied" U.S. Provisional Application	cation designate	ed above, nam , filed	ely application	_, claims the be	nefit of
	U.S. Provisional Applicati	on(s)No(s).:				
APPL]	ICATIONNO(S).:				FILING DATE	
	_					
	/					······································
[]	Where more than one refe	rence is made a	bove please co	ombine all referer	nces into one senter	ice.

18. Relate Back—35 U.S.C. 119 Priority Claim for Prior Application

The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 17B, in turn itself claim(s) foreign priority(ies) as follows:

Country	Appln. no.	Filed
The cer	tified copy(ies) has (have)	
[] bee	n filed in prior application, which was	filed on
[] is	are) attached.	
WARNING:	Bureau may not be relied on without any need to file a application. This is so because the certified copy of the Bureau is placed in a folder and is not assigned a U.S. folders are disposed of if the national stage is not enterneeded later in the prosecution of a continuing application documents from the folders and transfer them to the transfer, retrieve the folders, make suitable record notations such copies in the Continuing Application are substituted.	have been communicated to the PTO by the International certified copy of the priority application in the continuing are priority application communicated by the International serial number unless the national stage is entered. Such ed. Therefore, such certified copies may not be available if con. An alternative would be to physically remove the priority continuing application. The resources required to request cons, transfer the certified copies, enter and make a record of cantial. Accordingly, the priority documents in folders of cional stage may not be relied on. Notice of April 28, 1987
19. Maint	enance of Copendency of Prior Application	
NOTE: The	PTO finds it useful if a copy of the petition filed in the property constituting the filing of the continuation application.	ior application extending the term for response is filed with m. Notice of November 5, 1985 (1060 O.G. 27).
A. []	Extension of time in prior application	
(This item	must be completed and the papers filed in the application has	prior application, if the period set in the prior run.)
[]	A petition, fee and response extends the term i	n the pending prior application until
	[] A copy of the petition filed in prior applic	ation is attached.
B. []	Conditional Petition for Extension of Time in	Prior Application
	(complete this item, if previou	item not applicable)
[]	A conditional petition for extension of time is	being filed in the pending prior application.
	[] A copy of the conditional petition filed in	the prior application is attached.
	(Added Pages for Application Transmittal Where	Benefit of Prior U.S. Application(s) Claimed—page 3 of 5)

20. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

(complete applicable item (a), (b) and/or (c) below)

(a) [X] This application discloses and claims only subject matter disclosed in the particulars are set out above and the inventor(s) in this application are	prior application whose
[] the same.	
[X] less than those named in the prior application. It is requested that t identified for the prior application be deleted:	he following inventor(s)
Alan J. Fischman, Alun G. Jones and Ashfaq Mahmood	
(type name(s) of inventor(s) to be deleted)	
(b) [] This application discloses and claims additional disclosure by amendment a oath is being filed. With respect to the prior application, the inventor(s)	and a new declaration or in this application are
[] the same.	
[] the following additional inventor(s) have been added:	
(type name(s) of inventor(s) to be deleted)	
(c) [X] The inventorship for all the claims in this application are	
[X] the same.	
[] not the same. An explanation, including the ownership of the various c claimed invention was made	laims at the time the last
[] is submitted.	
[] will be submitted.	
21. Abandonment of Prior Application (if applicable)	
[] Please abandon the prior application at a time while the prior application petition for extension of time or to revive in that application is application is granted a filing date, so as to make this application coapplication.	granted, and when this
NOTE: According to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuous application is a proper response with respect to a petition for extension of time or a petition.	ntion or continuation in- part n to revive and should include

(Added Pages for Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed—page 4 of 5)

the express abandonment of the prior application conditioned upon the granting of the petition and the granting of a filing

date to the continuing application.

22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment

WARNING: "The claims of a new application may be finally rejected in the first Office action in those situations where (1) the new application is a continuing application of, or a substitute for, an earlier application, and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application, and (b) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." MPEP, § 706.07(b).

NOTE: Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some reason an amendment cannot be filed promptly (e.g., experimental data is being gathered) it may be desirable to file a petition for suspension of prosecution for the time necessary.

(check the next item, if applicable)

[] There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently)

23. Small Entity (37 CFR § 1.28(a))

[] Applicant has established small entity status by the filing of a statement in parent application No.
·

[] A copy of the statement previously filed is included.

WARNING: See 37 CFR § 1.28(a).

24. NOTIFICATION IN PARENT APPLICATION OF THIS FILING

[]	A notification of the filing of this (check one of the following)
	[] continuation
	[] continuation-in-part
	[] divisional

is being filed in the parent application, from which this application claims priority under 35 U.S.C. § 120.